

# Load Side Outdoor Cabinet Products

## ■ F1001-215KWh



## Features

- Intelligent battery constant temperature with cloud technology to support remote monitoring;
- System hierarchical linkage protection to fully ensure system security;
- Modular design, integrated transportation, simple and convenient;
- The battery is deeply discharged with 100% DOD, and it is cycled under standard working conditions. Life span more than 6500 times;
- Support multi-machine parallel use;
- Built-in EMS, a variety of operating mode options;
- C5 anti-corrosion grade design, to meet a variety of application environments;
- Intelligent constant temperature control of battery, high protection structure design; Meet outdoor use.

## Specifications



Product mode	F1001-215
Full capacity	215kWh
Configurable capacity	200/215kWh
Cell parameters	LFP-3.2V-280Ah-896Wh
Module parameters	LFP-51.2V-280Ah-14.336kWh
DC maximum current	186A
DC voltage range	580~860Vdc
Charge-discharge ratio	0.5CP
Cycle life	8000cycles(90%DOD,≥70%EOL)
BMS	Active balancing
Communication interface	Ethernet/RS-485/CAN
Communications Protocol	Modbus-TCP/IEC61850/104
Temperature control scheme	Intelligent frequency conversion air cooling
Fire protection scheme	Gas/smoke/temperature detection + perfluorohexanone + water isolation fire fighting
Rated AC voltage	400Vac/3W+N+PE
AC voltage range	-15%~10%(controllable)
Rated AC power	100kW
Maximum AC current	158A
Maximum output power	110kVA
Factor	0.99(controllable-1~+1)
Rated operating frequency	50Hz/60Hz(controllable)
Maximum harmonic distortion	<3%(Rated power)
DC component	<0.5%
Insulation resistance	>3MΩ
Altitude	≤5000m(>3000m Degrade)
Permissible ambient temperature	-30~+55℃
Permissible relative humidity	0~95%Rh(No condensation)
Degree of protection	IP55
Anti-corrosion rating	C4(C5 option)
Size W*D*H	1080*930*2450mm
Full weight	2T
Product certification	GB/T36276、GB/T34131、GB/T34120、GB/T34133